	Application No.	Applicant(s)	
Notice of Allowability	09/706,298	GAILLARD ET AL.	
	Examiner	Art Unit	
	Lan Vinh	1765	
The MAILING DATE of this communication All claims being allowable, PROSECUTION ON THE MERITH HEREIGN (APPROVED THE MERITH), a Notice of Allowance (PT NOTICE OF ALLOWABILITY IS NOT A GRANT OF PAT of the Office or upon petition by the applicant. See 37 CF.	OL-85) or other appropriate comm ENT RIGHTS. This application is R 1.313 and MPEP 1308.	n this application. If not included	
1. This communication is responsive to <u>Amendment fin</u>	<u>led on 1/26/2004.</u>		
2. The allowed claim(s) is/are <u>1-60</u> .			
3. The drawings filed on 03 November 2000 are accep	ted by the Examiner.		
4. ☐ Acknowledgment is made of a claim for foreign pri a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents.		or (f).	
2. Certified copies of the priority document	s have been received in Application	on No	
3. Copies of the certified copies of the prior	rity documents have been received	in this national stage application f	from the
International Bureau (PCT Rule 17,2(a))).		70117 (110
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING E noted below. Failure to timely comply will result in ABAN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	DATE" of this communication to file DONMENT of this application.	a reply complying with the requirer	ments
5. A SUBSTITUTE OATH OR DECLARATION must be INFORMAL PATENT APPLICATION (PTO-152) white	on gives reason(s) why the oath or	MINER'S AMENDMENT or NOTIC declaration is deficient.	E OF
6. CORRECTED DRAWINGS (as "replacement sheets	") must be submitted.		
(a) ☐ including changes required by the Notice of Draf	tsperson's Patent Drawing Review	(PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date	·		
(b) ☐ including changes required by the attached Exar Paper No./Mail Date	niner's Amendment / Comment or	in the Office action of	
ldentifying indicia such as the application number (see 37 each sheet. Replacement sheet(s) should be labeled as suc	CFR 1.84(c)) should be written on th	e drawings in the front (not the back)) of
7. DEPOSIT OF and/or INFORMATION about the attached Examiner's comment regarding REQUIREM	denosit of BIOLOGICAL MATE	DIAL mount by a set of the second	he
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	S - Netice at 1 s		
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-		ormal Patent Application (PTO-152))
	Paper No./N	/ail Date	
 Information Disclosure Statements (PTO-1449 or PTO Paper No./Mail Date 	/SB/08), 7. 🔀 Examiner's A	mendment/Comment	
4. Examiner's Comment Regarding Requirement for Dep	osit 8. ⊠ Examiner's S	statement of Reasons for Allowance	∋
of Biological Material	9. 🗌 Other		
		Lan Vinh AU 1765-/	
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U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04) Art Unit: 1765

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brian Hrna on 2/17/2004.

The application has been amended as follows:

In line 17 on page 5 of the specification, the term "3H" has been replaced with --3

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lan Vinh whose telephone number is 571 272 1471. The examiner can normally be reached on M-F 8:30-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nadine Norton can be reached on 571 272 1465. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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February 17, 2004

Art Unit: 1765

Allowable Subject Matter

Claims 1-60 allowed. 1.

The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 25, 41, the cited prior art of record fails to disclose a method for processing a substrate /method for forming a dual damascene interconnect comprises the step of etching at least a portion of the dielectric material exposed by a step of planarizing the one or more conductive material to expose the dielectric material/ etching the one or more dielectric layers exposed by a step of planarizing the one or more conductive material to expose the dielectric material/ etching at least a portion of the dielectric material after a step of planarizing the one or more conductive material to expose the dielectric material . The closest cited prior art of Shroff et al (US 6,515,343) discloses a method for processing a substrate comprises the step of etching at least a portion of the dielectric material/layer 108 that is not exposed by a step of planarizing the one or more conductive material 125 to expose a dielectric material 109, the dielectric material 109 has been etched <u>before</u> the planarizing step (fig. 6-fig. 8).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

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February 10, 2004